

# Ecowitt WS90 - 7-in-1 weather station

## Specifications

Physical	
Size (H x W x D):	208 x 93 x 93 mm / 8.19 x 3.66 x 3.66 inch
Weight:	459 g / 16.2 oz (without batteries), 507 g / 17.88 oz (with batteries)
Mounting:	On a Ø25 mm / 1 inch pole
Shell material:	Plastic
Shell color:	White
Environmental	
Ambient working temperature:	-40°C to 60°C / -40°F to 140°F
Humidity:	1 to 99% RH
Degree of protection:	IPX5
Power supply:	
<ul style="list-style-type: none"> <li>• 2 x AA 1.5 V Lithium batteries (not included)</li> <li>• Built-in solar panel 7.5 V ± 5% / 30 mA ± 10%</li> <li>• 12 V DC / 1 A external power supply (not included)</li> </ul>	
Estimated battery life:	Up to 6 months with lithium batteries (depending on temperature, humidity, and network strength).

[Download user and safety guide](#)

[Device compliance](#)

Sign up for our newsletter

Enter your email address

„By checking this box, I consent to receive newsletters and marketing information about Shelly products, services and joint campaigns with Shelly's partners via email in accordance with the Privacy policy. I am aware that I can unsubscribe at any time.“



### Company

[Shelly certified Installers](#)

[Find a Shelly official Reseller](#)

[Media center](#)

[Investors relations](#)

[Careers](#)

[Impressum](#)

### Help

[Customer Support](#)

[Open a support ticket](#)

[Shelly Community Forum](#)

[Shelly FB Community](#)

[FAQs](#)

[Contact](#)

### Learn

[Shelly X](#)

[Knowledge base](#)

[Shelly Compatibility](#)

[Shelly Academy](#)

[How to install your Shelly devices](#)

[Developers API](#)

### Information

[Delivery & Returns](#)

[General Terms & Conditions](#)

[Privacy Policy](#)

[Cookie Policy](#)

[Sitemap](#)

[Security Information and Vulnerability Reporting](#)

[Accessibility](#)

[EU Data Act](#)

